



2011 South Dakota WHEAT VARIETIES



July 26, 2011

INTRODUCTION

This report summarizes the results of the 2011 Wheat Variety Survey conducted by the South Dakota Field Office of the USDA National Agricultural Statistics Service. Data was obtained from a cross-section of South Dakota wheat producers. Survey results were tabulated from 1,963 South Dakota wheat producers; 1,010 reported winter wheat and 953 reported spring wheat. Percents and acreage data are included at both regional and state levels for winter and spring wheat (excluding durum wheat). All variety data and regional acreages in this publication are based on survey averages.

Extra copies of the survey results are available upon request. Thanks to all the producers who supplied data making this report possible.

2011 WHEAT

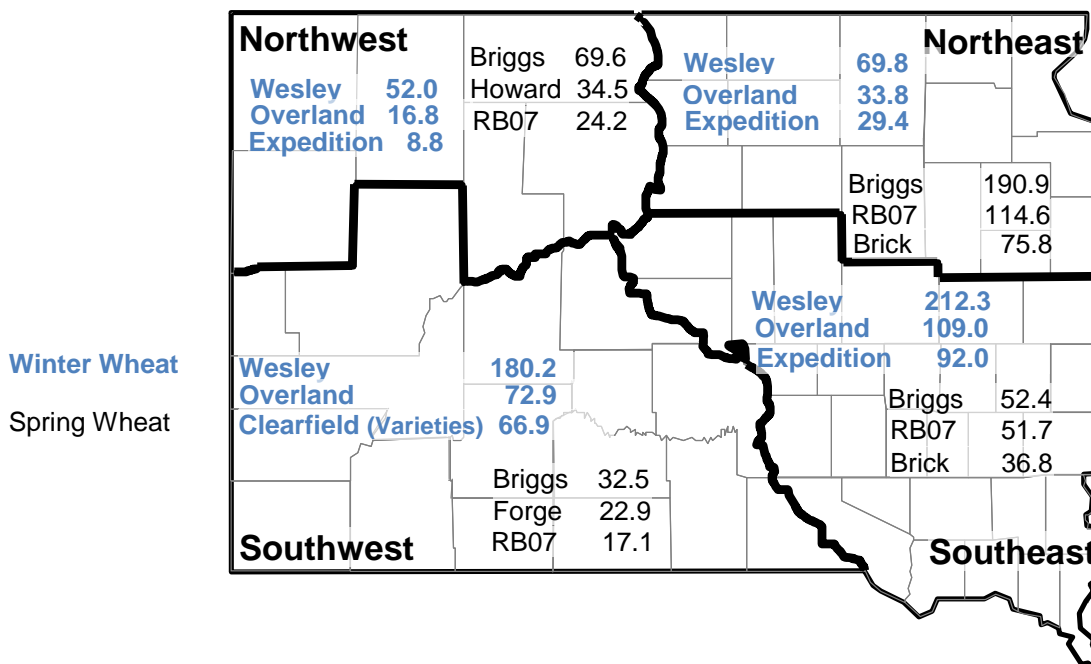
South Dakota had 2.81 million acres planted to wheat for the 2011 crop year. This compares to 2.82 million last year and 3.66 million acres in 2008, the year of the last wheat variety survey.

Winter wheat planted for 2011 totaled 1.60 million acres, down from 2.05 million in 2008. Spring wheat acres totaled 1.20 million acres in 2011, down from 1.60 million in 2008.

HIGHLIGHTS

The most popular wheat variety in South Dakota in 2011 was Briggs, a spring wheat variety. The most planted winter wheat variety was Wesley. These two varieties accounted for 30.6 percent of the state's 2.81 million wheat acres.

LEADING WHEAT VARIETIES IN SOUTH DAKOTA, 2011 SEEDED ACREAGE (000), BY REGION



WINTER WHEAT

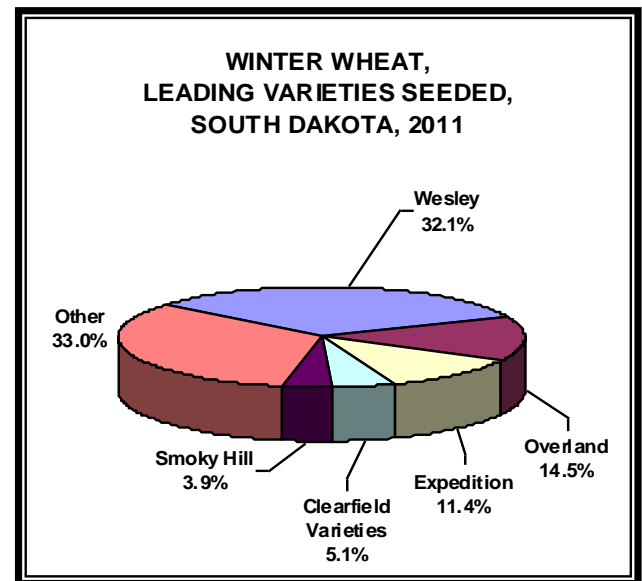
The most popular winter wheat variety in South Dakota in 2011 was Wesley, planted on 32.1 percent of the winter wheat acres. Overland, planted on 14.5 percent of the winter wheat acres, was the second most popular. The top two varieties accounted for 46.7 percent of the 1.6 million winter wheat acres planted in South Dakota. Expedition is the third leading winter wheat variety, planted on 11.4

percent of the state's winter wheat acres. Clearfield Varieties ranked fourth, with 5.1 percent, followed by Smoky Hill, with 3.9 percent. These top five varieties accounted for 67.1 percent of the state's winter wheat acres. New varieties reported for the first time in 2011, with 28.3 percent of the winter wheat acreage, included Overland, Clearfield Varieties, Smoky Hill, Lyman, and Hawken.

WINTER WHEAT VARIETIES SEEDED, SOUTH DAKOTA, 2002, 2005, 2008, & 2011

Variety	Percent of State Total			2011	
	2002	2005	2008	Pct.	Acres Planted (000)
Wesley	10.6	33.6	40.6	32.1	514.3
Overland	--	--	--	14.5	232.5
Expedition	--	3.6	11.6	11.4	181.7
Clearfield (varieties)	--	--	--	5.1	81.7
Smoky Hill	--	--	--	3.9	62.4
Arapahoe	28.1	10.2	7.5	3.7	58.5
Lyman	--	--	--	2.7	42.5
Hawken	--	--	--	2.1	33.9
Millenium	--	--	4.0	2.0	31.4
Jagalene	--	6.0	7.8	1.7	27.7
CDC Falcon	--	--	1.8	1.2	18.5
Alliance	4.9	2.3	1.7	1.1	18.2
Nekota	23.5	12.1	2.1	1.1	17.1
Other Varieties 1/	32.9	32.2	22.9	17.5	279.6
Total 2/	100.0	100.0	100.0	100.0	1,600.0

1/ Includes varieties with less than 1 percent of the state's acreage in 2011 and unlisted or unknown varieties. 2/ Percentages may not add due to rounding.



PERCENT AND ACREAGE OF WINTER WHEAT SEEDED BY REGION, SOUTH DAKOTA, 2011

Variety	Northwest		Northeast		Southwest		Southeast		State	
	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent
Wesley	52.0	43.0	69.8	36.9	180.2	27.9	212.3	33.0	514.3	32.1
Overland	16.8	13.9	33.8	17.9	72.9	11.3	109.0	16.9	232.5	14.5
Expedition	8.8	7.3	29.4	15.6	51.5	8.0	92.0	14.3	181.7	11.4
Clearfield (varieties)	2.8	2.3	1.6	0.8	66.9	10.4	10.4	1.6	81.7	5.1
Smoky Hill	1.4	1.2	3.3	1.7	21.9	3.4	35.8	5.6	62.4	3.9
Arapahoe	1.3	1.1	2.3	1.2	51.0	7.9	3.9	0.6	58.5	3.7
Lyman	2.3	1.9	2.1	1.1	22.9	3.5	15.2	2.4	42.5	2.7
Hawken	--	--	3.5	1.9	20.9	3.2	9.5	1.5	33.9	2.1
Millenium	--	--	1.6	0.8	18.7	2.9	11.1	1.7	31.4	2.0
Jagalene	--	--	--	--	13.3	2.1	14.4	2.2	27.7	1.7
CDC Falcon	--	--	1.2	0.6	8.8	1.4	8.5	1.3	18.5	1.2
Alliance	0.3	0.2	1.4	0.7	10.2	1.6	6.3	1.0	18.2	1.1
Nekota	0.6	0.5	8.5	4.5	2.5	0.4	5.5	0.9	17.1	1.1
Other Varieties 1/	34.7	28.7	30.5	16.1	104.3	16.1	110.1	17.1	279.6	17.5
Total 2/	121.0	100.0	189.0	100.0	646.0	100.0	644.0	100.0	1,600.0	100.0

1/ Includes varieties with less than 1 percent of the state's acreage in 2011 and unlisted or unknown varieties. 2/ Percentages may not add due to rounding.

SPRING WHEAT

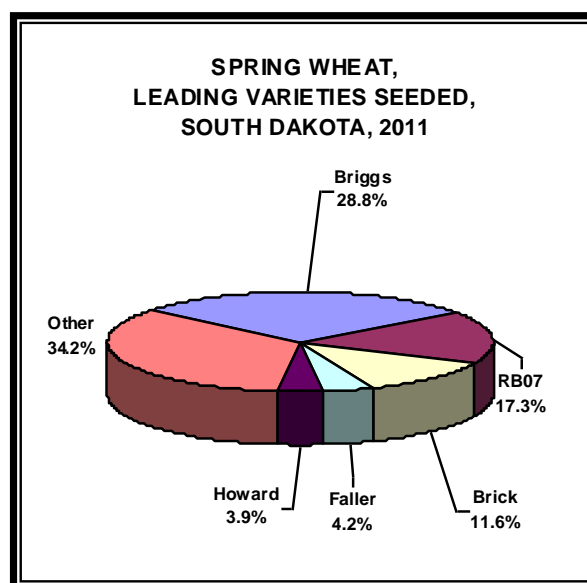
The leading spring wheat varieties in South Dakota for 2011 were Briggs, RB07, Brick, Faller, and Howard. Of the 1.20 million acres of spring wheat planted in South Dakota, the top five varieties made up 65.8 percent of the total. Briggs was planted on 28.8 percent of the state's total spring wheat acreage. Second was RB07, which was planted on 17.3 percent of the state's total spring wheat acres, followed by Brick, which was

planted on 11.6 percent of the acres. Rounding out the top five were Faller and Howard, which accounted for 4.2 percent and 3.9 percent of the spring wheat acreage, respectively. New varieties reported for the first time in 2011, with 43.9 percent of the spring wheat acreage, included RB07, Brick Faller, Howard Select, Barlow, and Brennan.

SPRING WHEAT VARIETIES SEEDED, SOUTH DAKOTA, 2002, 2005, 2008, & 2011

Variety	Percent of State Total			2011	
	2002	2005	2008	Pct.	Acres Planted (000)
Briggs	--	29.5	49.5	28.8	345.4
RB07	--	--	--	17.3	207.6
Brick	--	--	--	11.6	139.2
Faller	--	--	--	4.2	50.5
Howard	--	--	--	3.9	47.0
Select	--	--	--	3.4	40.4
Traverse	--	--	8.5	3.0	36.4
Steele ND	--	--	7.7	2.7	32.1
Forge	16.8	9.7	2.7	2.3	27.1
Barlow	--	--	--	2.2	26.9
Butte 86/Butte	4.1	2.1	1.8	1.7	19.8
Granger	--	3.3	3.8	1.5	17.9
Brennan	--	--	--	1.3	15.3
Other Varieties 1/	79.1	55.4	26.0	16.2	194.4
Total 2/	100.0	100.0	100.0	100.0	1,200.0

1/ Includes varieties with less than 1 percent of the state's acreage in 2011 and unlisted or unknown varieties. 2/ Percentages may not add due to rounding.



PERCENT AND ACREAGE OF SPRING WHEAT SEEDED BY REGION, SOUTH DAKOTA, 2011

Variety	Northwest		Northeast		Southwest		Southeast		State	
	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent
Briggs	69.6	30.9	190.9	31.8	32.5	22.1	52.4	23.0	345.4	28.8
RB07	24.2	10.8	114.6	19.1	17.1	11.6	51.7	22.7	207.6	17.3
Brick	14.0	6.2	75.8	12.6	12.6	8.6	36.8	16.1	139.2	11.6
Faller	0.0	0.0	46.2	7.7	0.0	0.0	4.3	1.9	50.5	4.2
Howard	34.5	15.3	11.5	1.9	0.0	0.0	1.0	0.4	47.0	3.9
Select	0.3	0.1	26.2	4.4	8.5	5.8	5.4	2.4	40.4	3.4
Traverse	1.0	0.4	9.0	1.5	8.2	5.6	18.2	8.0	36.4	3.0
Steele ND	10.3	4.6	16.2	2.7	0.3	0.2	5.3	2.3	32.1	2.7
Forge	1.0	0.4	0.0	0.0	22.9	15.6	3.2	1.4	27.1	2.3
Barlow	10.0	4.4	14.6	2.4	0.0	0.0	2.3	1.0	26.9	2.2
Butte 86/Butte	4.8	2.1	12.8	2.1	1.0	0.7	1.2	0.5	19.8	1.7
Granger	9.1	4.0	1.8	0.3	0.7	0.5	6.3	2.8	17.9	1.5
Brennan	3.6	1.6	8.5	1.4	1.9	1.3	1.3	0.6	15.3	1.3
Other Varieties 1/	42.6	18.9	71.9	12.0	41.3	28.1	38.6	16.9	194.4	16.2
Total 2/	225.0	100.0	600.0	100.0	147.0	100.0	228.0	100.0	1,200.0	100.0

1/ Includes varieties with less than 1 percent of the state's acreage in 2011 and unlisted or unknown varieties. 2/ Percentages may not add due to rounding.

Questions added to the 2011 survey asked producers to report their seed utilization and practices. The results of these questions are compiled in the tables below.

QUESTIONS on WHEAT SEED PLANTED

2011 Crop Year	Number of Responses	YES	NO
Did you purchase any certified wheat seed in the past 3 years?	1497	63.1%	36.9%
Did you purchase any certified wheat seed this year?	934	67.8%	32.2%
Did you purchase any non-certified "bin run" wheat seed this year?	1442	17.8%	82.2%
Did you have a germination test performed on the non-certified "bin run" wheat seed?	1213	22.7%	77.3%
Did your wheat seed get treated with a fungicide?	1461	47.4%	52.6%

Other than Yield, trait viewed as most Important when selecting a wheat variety.

Winter Wheat			Spring Wheat		
Trait	Count	%	Trait	Count	%
Grain Protein	179	20.5%	Grain Protein	539	63.9%
Disease Resistance	242	27.8%	Disease Resistance	191	22.7%
Winter Hardiness	331	38.0%			
Drought Resistance	55	6.3%	Drought Resistance	53	6.3%
No PVP of Variety	8	0.9%	No PVP of Variety	9	1.1%
Other	57	6.5%	Other	51	6.0%
Total	872	100.0%		843	100.0%

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 and South Dakota Crop Improvement Association